

In the Specification:

Please rewrite the first full paragraph on page 9 as follows:

--The vacuum cleaner of the present invention essentially includes a closed loop air system which contains an intake nozzle 134, a fan 112, driven by electrical motor 113, a filtering unit 114, and a returning expanded chamber 136. All are connected in the closed loop system by hoses and/or pipes 116, 118 and 128. The filtering unit may be a centrifugal filtering unit and the expanded chamber may be sealed. --

Please rewrite the second full paragraph on page 9 as follows:

--The vacuum cleaner has two main components. One of them is a foot 138 containing the intake nozzle 134, the outlet nozzle 130, and the expanded chamber 136 for the returning air stream. The second, the managing unit, has a frame 140 on supporting wheels 142 and a handle 144 for managing the vacuum. The fan 112 with the motor 113 and the filtering unit 114 can be placed on either one. In the embodiment shown in Figures 7, 8 and 9, fan 112 and motor 113 are mounted on the frame 140 of the managing unit. The ~~centrifugal~~ filtering unit 114 is also mounted on the frame 140 via an upright support 146 and brackets 148. The intake nozzle 134, fan 112, filtering unit 114, outlet nozzle 130, and expanded chamber 136 are connected in the closed loop system by hoses and pipes 116, 118 and 128.--

Please rewrite the carry-over paragraph from page 9 to page 10 as follows:

--The vacuum cleaner works in the following way. The fan 112 sucks in the air through the intake nozzle 134 from the expanded ~~sealed~~ chamber 136. The created air stream picks up the dirt and dust from the surface 120 being cleaned. Then the polluted air stream goes through channel 150 and the flexible hose 116 to fan 112. The fan 112 directs this stream through

the pipe 118 to the filtering unit 114. After filtering, the cleaned air stream goes through the pipe and the flexible hose 128 and outlet nozzle 130 to the expanded chamber 136. In this chamber, the air stream, due to its widening, decreases its velocity, and then all the returned air is sucked in through the intake nozzle, picking up a new portion of dirt and dust from the surface being cleaned. Thus, the proposed vacuum cleaner realizes the closed loop air system without a gap, shown in Figure 4.--

Please rewrite the first full paragraph on page 10 as follows:

--To prevent the returning air stream from escaping into the atmosphere, the foot has a seal along its perimeter, which separates the space under the foot's bottom from the surrounding space. This seal can have several different designs. It can be a combination of the foot's support skids 152 and 154 on the front and back sides and thin vertical walls 156 and 158 enclosing the expanded chamber 136 on the left and right-hand sides. In addition to preventing the escape of the air stream from the expanded ~~expanded~~ chamber, the elements of the seal serve a secondary purpose. Weighed down by the weight of the foot 138, they compress the soft pile 160 of the rug or carpet being cleaned (Figures 10 and 11) making it denser and less penetrable by the air stream, further ensuring against the escape of air from the chamber. The seal can also have some other shape or design.--

Please rewrite the carry-over paragraph from page 10 to page 11 as follows:

-- The second measure intended to prevent the escape of air as a working medium from the closed loop system into the surrounding space is the expanded ~~expanded~~ chamber 136, placed in the foot 138, above and in direct fluid communication with the surface being cleaned. The expanded ~~expanded~~ chamber has a much larger cross section than the outlet nozzle ~~returning~~

~~channel~~ 130. The returning air stream enters this chamber through the outlet nozzle ~~returning~~
~~channel~~ 130 in sequence after the filtering unit 114. The expanded chamber 136 increases the
cross section of the returning air stream, diminishing its velocity in the space enclosed by the
seal, which in turn decreases its specific energy and its dynamic pressure on this seal.--